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Patent
Atty. Docket No. GEMS8081.195

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Patch
Serial No. : 10/800,957
Filing Date : 3/15/2004
Title : Method and System of Thermoacoustic Computed Tomography
Group Art No. : 3737
Examining Attorney : Unknown

CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10

I hereby certify that, on the date shown below, this correspondence is being:

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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97/99**

Dear Sir:

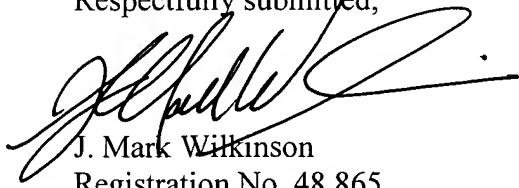
In compliance with Applicant's duty of disclosure as set forth in 37 C.F.R. §1.56, listed on the attached equivalent to Form PTO-1449 are those patents, publications, and other information known to Applicant which may be considered material to the patentability of the claims of the above-captioned application. **One copy of each non-patent reference is attached.**

Inventor: Patch

S/N: 10/800,957

Applicant respectfully requests that the documents listed on the attached equivalent to Form PTO-1449 be considered by the Examiner, that the references be made of record in the present application, and that an initialed copy of the duplicate equivalent to Form PTO-1449 be returned to the undersigned in accordance with MPEP 609.

Respectfully submitted,

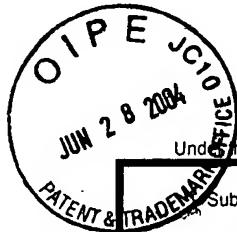


J. Mark Wilkinson
Registration No. 48,865
Direct Dial 262-376-5016
jmw@zpspatents.com

Date: June 23, 2004
Atty. Docket No.: GEMS8081.195

P.O. ADDRESS:

Ziolkowski Patent Solutions Group, LLC
14135 N. Cedarburg Rd.
Mequon, WI 53097-1416
262-376-5170



PTO/SB/08a (08-03)

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(Use as many sheets as necessary)

TRADEMARK Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number		10/800,957	
		Filing Date		3/15/2004	
		First Named Inventor		Patch	
		Art Unit		3737	
		Examiner Name		Unknown	
Sheet	1	of	2	Attorney Docket Number	
GEMS8081.195					

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

2

of

2

		Complete if Known	
		<i>Application Number</i>	10/800,957
		<i>Filing Date</i>	3/15/2004
		<i>First Named Inventor</i>	Patch
		<i>Art Unit</i>	3737
		<i>Examiner Name</i>	Unknown
		<i>Attorney Docket Number</i>	GEMS8081.195

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KRUGER RA et al., "Breast Cancer in Vivo: Contrast Enhancement with Thermoacoustic CT at 434 MHz—Feasibility Study", <i>Radiology</i> 2000; 216:279–283.	
		KRUGER RA et al., "Thermoacoustic CT with Radio Waves: A Medical Imaging Paradigm", <i>Radiology</i> 1999; 211:275–278.	
		KRUGER RA et al., "Thermoacoustic Computed Tomography—Technical Considerations", <i>Medical Physics</i> 1999; 26(9):1832–1837.	
		JOINES WT et al., "The Measured Electrical Properties of Normal and Malignant Human Tissues from 50 to 900 MHz", <i>Medical Physics</i> 1994; 21(4):547–550.	
		PATCH SK, "Thermoacoustic Tomography—Consistency Conditions and the Partial Scan Problem", <i>Phys. Med. Biol.</i> 2004; 49:2305–2315.	
		FINCH D et al., "Determining a Function From Its Mean Values Over a Family of Spheres", <i>SIAM Journal of Mathematical Analysis</i> 2004; 35(5):1213–1240.	
		LOUIS AK et al., "Local Tomographic Methods in SONAR", pp. 1–8.	
		AGRANOVSKY et al., "Injectivity Sets for the Radon Transform Over Circles and Complete Systems of Radial Functions", pp. 1–33.	
		AGRANOVSKY et al., "Geometry of Stationary Sets for the Wave Equation in \mathbb{R}^n . The Case of Finitely Supported Initial Data", pp. 1–24.	

Examiner Signature	Date Considered

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